

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 20370  
Application ID: 10065917  
Title of Invention: DIGITAL-TO-ANALOG  
CONVERTING CIRCUIT OF  
DISPLAY  
First Named Inventor: CHIEN-SHENG YANG  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-11-29  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 9023-US-PA  
Digital Certificate Holder: cn=Belinda Lee, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: FJH+U7bowVTWSyDPhJuU+g==  
Total Fees Authorized: \$780.0  
Payment Category: CC - Credit Card  
Credit Card Number: \*\*\*\*\*3109  
Expiration Date: 04302003  
Card Holder Name: LEE, HUAI-LU  
RAM User ID: EFSPROD  
RAM Accounting Date: 2002-11-29  
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## TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:9023-US-  
PASubmission Type: Utility Patent  
FilingDIGITAL-TO-ANALOG CONVERTING  
CIRCUIT OF DISPLAY

First Named Inventor: Mr. CHIEN-SHENG YANG

## SUBMITTED BY

Name:	Dr. BELINDA LEE
Registration Number:	46,863
Electronic Signature Mark: /Belinda Lee/	Date Signed: 20021129

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

## Attached Files:

declaration	9023declaration1.tif
declaration	9023declaration2.tif
specification	9023usf.xml
patent-assignments	9023usfasgn.xml

fee-transmittal

9023usffee.xml

bibd-transmittal

9023usfapds.xml

**Attached Image File(s):**

9023declaration1.tif

9023declaration2.tif

Comments:

## Figures

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

11046 U.S. PTO  
10/065917  
11/29/02

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 3109  
Expiration Date: 20030430  
Authorized Name: LEE, HUAI-LU  
Billing Address: 99999

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	1001	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 5	1202	\$ 18	0	\$ 0
Independent Claims: 2	1201	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

## ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40